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AUTH.NAME AUTHOR AFFILIATION
MANGAN,C.V. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Forwards responds to SER Open Item 68 re control bldg ventilation.Commitment to install flow recorders in control bldg ventilation sys included.Encl will be included in next FSAR amend.

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

October 26, 1984
(NMP2L 0218)

Mr. A. Schwencer, Chief
Licensing Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Nine Mile Point Unit 2
Docket No. 50-410

Dear Mr. Schwencer:

Enclosed for your use and information is the Nine Mile Point Unit 2 response to the Nuclear Regulatory Commission's Safety Evaluation Report open item number 68 regarding control building ventilation. This information has been previously discussed with your staff and is submitted to aid your review of the Unit 2 license application for the resolution of this open item. This information includes a commitment to install flow recorders in the control building ventilation system special filter trains.

The enclosed will be included in the next Final Safety Analysis Report Amendment.

Very truly yours,

CVMangan
C. V. Mangan
Vice President
Nuclear Engineering & Licensing

NLR:ja
Enclosure
xc: Project File (2)

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
Niagara Mohawk Power Corporation) Docket No. 50-410
)
(Nine Mile Point Unit 2))

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is Vice President of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

C Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 26 day of October, 1984.

Janis M Macro
Notary Public in and for
Onondaga County, New York

My Commission expires:

JANIS M. MACRO
Notary Public in the State of New York
Qualified in Onondaga County No. 4784555
My Commission Expires March 30, 1985

1. Control room air conditioning return air temperature.

2. Control room intake gaseous radiation.

Recorders are provided for each control room intake gaseous radiation and control building special filter train flow.

Alarms are provided for:

1. Control room ventilation system inoperable.

2. Control room ventilation system trouble.

3. Control room air conditioning units auto start and auto trip/fail to start.

4. Fire damper closed.

9.4.1.5.3 Relay, Computer, and Remote Shutdown Rooms

Description

Safety-related instruments and controls are provided for automatic and manual control of the relay, computer, and remote shutdown rooms HVAC systems. Except where noted, the controls and monitors described below are located in the main control room. The control logic is shown on Figure 9.4-5.

Operation

The relay room (standby) air conditioning fan starts automatically when the return air temperature is high or the operating air conditioning fan discharge air flow is low. Interlocks prevent starting, or automatically trip, a fan when the fan discharge damper is not open, the control building chilled water circulation pump has tripped automatically, or the discharge air flow is low. The fans can also be controlled manually.

The relay room air conditioning fan discharge dampers open and close automatically when the associated air conditioning fan is started and stopped, respectively. The dampers can also be controlled manually.

The relay room and relay room instrument shop supply air duct electric heaters are controlled automatically by the associated space temperature. An interlock prevents